

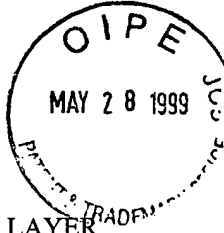
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Peijun Ding et al.

SERIAL NO.: 08/995,108

FILED: December 19, 1997

TITLE: A TAILORED BARRIER LAYER  
WHICH PROVIDES IMPROVED COPPER  
INTERCONNECT ELECTROMIGRATION  
RESISTANCE

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§

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No. AM-1776

May 28, 1999

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212

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)(3)**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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Group 2700

Sir:

In accordance with 37 C.F.R. § 1.97(b)(3), applicants hereby request consideration of this Supplemental Information Disclosure Statement. Applicants have not yet received a first Office Action in the subject application.

This Supplemental Information Disclosure Statement is provided due to the receipt of a Search Report for the corresponding PCT application, which PCT Search Report references documents which were not submitted in the Information Disclosure Statement provided by applicants in the present patent application.

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**CERTIFICATE OF MAILING (37 CFR 1.10)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL No. EL372083674US in an envelope addressed to the: Assistant Commissioner of Patents, Box DD, Washington, D.C. 20231 on:  
May 28, 1999

*Shirley L. Church*  
Shirley L. Church, Esq., Reg. No. 31, 858

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TECHNOLOGY CENTER 2800

TC 2800 MAIL ROOM

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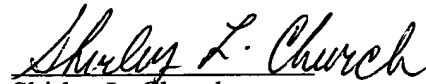
Applicants are providing herewith copies of the items listed on the attached U.S. Patent and Trademark Office Form PTO-1449 equivalent. Applicants hereby request consideration of each of the enclosed references, which have not previously been submitted to the Examiner because applicant was not aware of these references until they were cited in an International Search Report.

Applicants hereby state under 37 C.F.R. §1.97(e) that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of applicants attorney, after making reasonable inquiry, no item of information contained in this Supplemental Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior art" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. §102 or § 103.

Respectfully Submitted,



Shirley L. Church  
Registration No. 31,858  
Attorney for Applicant  
(408) 975-7960

Correspondence Address:  
Patent Counsel,  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, CA 95052

Attorney Docket No.: AM-76

U.S. Express Mail No.: EL372083674US

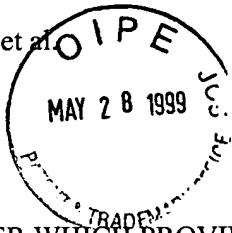
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Peijun Ding et al.

SERIAL NO.: 08/995,108

FILED: December 19, 1997

FOR: A TAILORED BARRIER LAYER WHICH PROVIDES  
IMPROVED COPPER INTERCONNECT  
ELECTROMIGRATION RESISTANCE



§ GROUP ART UNIT: Unknown  
§  
§ EXAMINER: Unknown  
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§ Attorney Docket No.:  
§ AM-1776

Date: May 28, 1999

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)(3)  
TRANSMITTAL LETTER**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

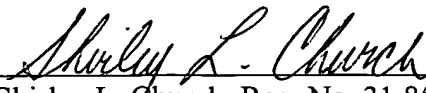
Submitted herewith is an Information Disclosure Statement under 37 CFR § 1.97(b)(3), Form PTO-1449, and thirteen (13) reference copies. This Information Disclosure Statement is being submitted prior to the receipt of a first Office Action in the subject application.

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**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

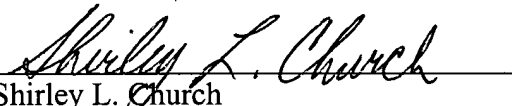
I hereby certify that this paper and any documents which accompany it are being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. Express Mail No. EL372083674US in an envelope addressed to the: Assistant Commissioner of Patents, Box DD, Washington D.C. 20231 on May 28, 1999.

  
Shirley L. Church, Reg. No. 31,858

Applicants do not believe that there is any fee due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(3). However, if any fee is due, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 01-1651, of Applied Materials, Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,

  
Shirley L. Church  
Registration No. 31,858  
Attorney for Applicant  
(408) 975-7960

Correspondence Address:  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, CA 95052